

What is claimed is:

1. A liquid crystal display panel, comprising:

a first set of electrode layers with an active matrix; and

a second set of electrode layers with a passive matrix;

wherein the first set of the electrode layers or the second set of the electrode layers are activated optionally to create images.

2. A liquid crystal display, comprising:

a panel, comprising

a first set of electrode layers with an active matrix; and

a second set of electrode layers with a passive matrix;

wherein the first set of the electrode layers or the second set of the electrode layers are activated optionally to create images.

3. A reflection type liquid crystal display having at least two matrix modes converged within a panel, comprising:

a first substrate;

a second substrate opposite to said first substrate, wherein opposing inner surfaces of said first substrate and said second substrate have a plurality of thin film transistors and a color filter fabricated thereon respectively;

a first insulating layer formed on said first substrate;

a reflective layer formed on said first insulating layer to reflect and diffuse the incident light entering from said second substrate;

a second insulating layer formed on said reflective layer;

a first lower electrode formed on said second insulating layer;  
a first upper electrode formed on said color filter;  
a third insulating layer formed on said first lower electrode;  
a fourth insulating layer formed on said first upper electrode; and  
a second lower electrode formed on said third insulating layer.

4. The reflection type liquid crystal display of claim 3, wherein said first upper electrode is served as a common electrode for said first lower electrode and said second lower electrode.

5. The reflection type liquid crystal display of claim 3, further comprising a second upper electrode located on said fourth insulating layer.

6. The reflection type liquid crystal display of claim 3, wherein said reflective layer is perforated.

7. The reflection type liquid crystal display of claim 3, wherein a thickness of said reflective layer is ranging from 50 to 1000 angstroms.

8. The reflection type liquid crystal display of claim 3, wherein said first lower electrode and said second lower electrode are staggered.

9. The reflection type liquid crystal display of claim 3, wherein said second lower electrode is supplied with a voltage to neutralize a parasitic voltage induced at the time of activating said first lower electrode.

10. A reflection type liquid crystal display having at least two matrix modes converged within a panel, comprising:

a first substrate;

a second substrate opposite to said first substrate, wherein opposing inner surfaces of said first substrate and said second substrate have a plurality of thin film transistors and a color filter fabricated thereon respectively;

a first insulating layer formed on said first substrate;

a first lower electrode formed on said first insulating layer;

a first upper electrode formed on said color filter;

a second insulating layer formed on said first lower electrode;

a reflective layer formed on said second insulating layer to reflect and diffuse the incident light entering from said second substrate;

a third insulating layer formed on said reflective layer;

a fourth insulating layer formed on said first upper electrode;

a second lower electrode formed on said third insulating layer; and

a first transparent alignment film formed on said second lower electrode.

11. The reflection type liquid crystal display of claim 10, wherein said first upper electrode is served as a common electrode for said first lower electrode and said second lower electrode.

12. The reflection type liquid crystal display of claim 10, further comprising a second upper electrode located on said fourth insulating layer.

13. The reflection type liquid crystal display of claim 10, wherein said reflective layer is perforated.

14. The reflection type liquid crystal display of claim 10, wherein a thickness of said reflective layer is ranging from of 50 to 1000 angstroms.

15. The reflection type liquid crystal display of claim 10, wherein said first lower electrode and said second lower electrode are staggered.

16. The reflection type liquid crystal display of claim 10, wherein said second lower electrode is supplied with a voltage to neutralize a parasitic voltage induced at the time of activating said first lower electrode.

17. A reflection type liquid crystal display having at least two matrix modes converged within a panel, comprising:

- a first transparent substrate;

- a second transparent substrate opposite to said first substrate, wherein opposing inner surfaces of said first substrate and said second substrate have a plurality of thin film transistors and a color filter fabricated thereon respectively;

- a first insulating layer formed on said first substrate;

- a first lower electrode formed on said first insulating layer;

- a first upper electrode formed on said color filter;

- a second insulating layer formed on said first lower electrode;

- a second lower electrode formed on said second insulating layer;

- a third insulating layer formed on said second lower electrode;

- a fourth insulating layer formed on said first upper electrode; and

- a reflective layer formed on said third insulating layer to reflect and diffuse the incident light entering from said second substrate.

18. The reflection type liquid crystal display of claim 15, wherein said first upper electrode is served as a common electrode for said first lower electrode and said second lower electrode.

19. The reflection type liquid crystal display of claim 17, further comprising a second upper electrode located on said fourth transparent insulating layer.

20. The reflection type liquid crystal display of claim 17, wherein said reflective layer is perforated.

21. The reflection type liquid crystal display of claim 17, wherein a thickness of said reflective layer is ranging from of 50 to 1000 angstroms.

22. The reflection type liquid crystal display of claim 17, wherein said first lower electrode and said second lower electrode are staggered.

23. The reflection type liquid crystal display of claim 17, wherein said second lower electrode is supplied with a voltage to neutralize a parasitic voltage induced at the time of activating said first lower electrode.